

**REVIEWED**

By Larisha Davis at 4:12 pm, Jun 08, 2007

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**U.S. District Court  
District of Delaware (Wilmington)  
CIVIL DOCKET FOR CASE #: 1:99-cv-00274-SLR  
Internal Use Only**

Union Carbide Chem, et al v. Shell Oil Company, et al	Date Filed: 05/03/1999
Assigned to: Honorable Sue L. Robinson	Date Terminated: 04/06/2006
Demand: \$0	Jury Demand: Both
Cause: 28:1338 Patent Infringement	Nature of Suit: 830 Patent
	Jurisdiction: Federal Question

**Plaintiff**

**Union Carbide Chemicals &  
Plastics Technology  
Corporation**

represented by **Jeffrey B. Bove**  
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**Plaintiff**

**Union Carbide Corporation**

represented by **Jeffrey B. Bove**  
(See above for address)  
*LEAD ATTORNEY*  
*ATTORNEY TO BE NOTICED*

**James D. Heisman**

		of the case and its effect on ADR ( signed by Judge Mary P. Thyng ) copies to: cns1 (lf) (Entered: 08/23/1999)
08/30/1999	40	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; Re: Defts response to pltf's 2nd set of rqsts for the production of documents and things (lf) (Entered: 08/31/1999)
10/04/1999	41	CERTIFICATE OF SERVICE by Union Carbide Chem; Pltf's 3rd set of rqsts for the production of documents (lf) (Entered: 10/05/1999)
10/04/1999	42	CERTIFICATE OF SERVICE by Union Carbide Chem; Re: responses to def't's 1st set of rqsts for the production of documents (lf) (Entered: 10/05/1999)
11/01/1999	43	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re defts' resp. to pltf's 3rd set rqsts. prod. docs. (bkb) (Entered: 11/09/1999)
11/05/1999	44	MOTION by Shell Oil Company, Shell Chemical Co. & CRI Catalyst with Proposed Order to Disqualify (Strike) Union Carbide's counsel [44-1] motion Answer Brief due 11/19/99 re: [44-1] motion (bkb) Modified on 12/10/1999 (Entered: 12/01/1999)
11/05/1999	45	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [44-1] motion to Dsqualify (Strike Union Carbide's counsel) [44-1] motion (bkb) (Entered: 12/01/1999)
11/05/1999	46	Declaration of John D. Norris (bkb) (Entered: 12/01/1999)
11/05/1999	47	Declaration of Albert M.T. Finch, Jr. (bkb) (Entered: 12/01/1999)
11/05/1999	48	Declaration of Stephen E. Edwards (bkb) (Entered: 12/01/1999)
<u>11/05/1999</u>	<u>49</u>	<u>Declaration of Drian E. Simmons-----SEALED (bkb) (Entered: 12/01/1999)</u>
11/16/1999	50	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re defts' 2nd set rqsts. for prod. docs. (bkb) (Entered: 12/01/1999)
11/17/1999	51	STIPULATION with proposed order re briefing of defts' motion to disqualify pltf's counsel; ans. br. 12/3/99; rply br.

		12/17/99. (bkb) (Entered: 12/01/1999)
11/18/1999		So Ordered granting [51-1] stipulation set Answer Brief Deadline to 12/3/99 re: [44-1] motion to Disqualify (Strike Union Carbide's counsel) [44-1] motion , set Reply Brief Deadline to 12/17/99 re: [44-1] motion to Disqualify (Strike Union Carbide's counsel) [44-1] motion ( signed by Judge Sue L. Robinson ) Notice to all parties. (bkb) (Entered: 12/01/1999)
11/30/1999	52	Letter (11/30/99) to Judge Robinson from Mr. Bove re order ent. by USDC, S.D. of Texas granting Union Carbide's motion to dismiss the Texas litigation. (bkb) (Entered: 12/08/1999)
11/30/1999	53	ORDER denying [7-1] motion to Dismiss, denying [7-2] motion to Stay on the basis of defts 1st filed suit in Texas ( signed by Judge Sue L. Robinson ) copies to: cnsl. (bkb) (Entered: 12/08/1999)
12/03/1999	54	Answer Brief Filed by Union Carbide Chem [44-1] motion to Disqualify (Strike) Union Carbide's counsel [44-1] motion - Reply Brief due 12/10/99 (bkb) (Entered: 12/10/1999)
12/03/1999	55	Declaration of Gus T. Hampilos in oppos. to mot. to disqualify (bkb) (Entered: 12/10/1999)
12/03/1999	56	Declaration of Jeffrey A. Fuisz re mot. to disqualify (bkb) (Entered: 12/10/1999)
12/03/1999	57	Declaration of Steven J. Glassman in oppos. to defts' mot. disqualify pltf's counsel. (bkb) (Entered: 12/10/1999)
12/09/1999	58	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re 3rd set rqsts. prod. docs. (bkb) (Entered: 12/15/1999)
12/17/1999	59	Letter to Judge Robinson (12/17/99) from Mr. Terrell re defts' motion for summary judgment. (bkb) (Entered: 12/17/1999)
12/17/1999	60	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Summary Judgment that claims 1,2, & 7-1 of US Patent No. 4,916,243 are invalid Answer Brief due 1/3/00 re: [60-1] motion (bkb) (Entered: 12/17/1999)
12/17/1999	61	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [60-1] motion for Summary Judgment that claims 1,2, & 7-1 of US Patent No. 4,916,243

		are invalid-----SEALED (bkb) (Entered: 12/17/1999)
12/17/1999	62	Declaration of Paul J. Conn-----SEALED (bkb) (Entered: 12/17/1999)
12/17/1999	63	"Graphical Chronology"-----SEALED (bkb) (Entered: 12/17/1999)
12/17/1999	64	Reply Brief Filed by Shell Oil Company, Shell Chemical Co. [44-1] motion to Disqualify (Strike) Union Carbide's counsel [44-1] motion (bkb) (Entered: 12/20/1999)
12/17/1999	65	Declaration of Michael Macklin in supp. of DI 64 (bkb) (Entered: 12/20/1999)
12/17/1999	66	Reply Declaration of John D. Norris in supp. Shell's motion to disqualify pltf's cnsl. (bkb) (Entered: 12/20/1999)
12/20/1999	67	CERTIFICATE OF SERVICE by Union Carbide Chem re pltf's resp. to deflt's 2nd set rqsts. prod. docs. (bkb) (Entered: 12/22/1999)
12/22/1999	68	Letter (12/22/99) to Judge Robinson from Mr. Bove requesting oral arg. on Shell's motion to disqualify counsel. (bkb) (Entered: 12/23/1999)
12/29/1999	74	STIPULATION with proposed order re: briefing as to defts motion for summary judgment - answering brief 1/21/00 reply brief - 2/4/00 (lf) (Entered: 01/05/2000)
12/30/1999	69	MOTION by Union Carbide Chem with Proposed Order for Leave to File sur-reply papers (lf) (Entered: 01/03/2000)
12/30/1999	70	Supplemental Declaration of Steven Glassman in opposition to defts' motion to disqualify pltf's cnsl (lf) (Entered: 01/03/2000)
12/30/1999	71	MOTION by Union Carbide Chem for Leave to File amended complaint (lf) (Entered: 01/03/2000)
12/30/1999	72	Sur-Reply Brief Filed by Union Carbide Chem in opposition to defts' motion to disqualify pltf's cnsl (lf) (Entered: 01/03/2000)
12/30/1999	73	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Leave to File amended answer (lf) (Entered: 01/03/2000)
01/04/2000		So Ordered granting [74-1] stipulation ( signed by Judge Sue L. Robinson ) Notice to all parties. (lf) (Entered: 01/05/2000)

		affirmative defense and to dismiss defts' new counterclaim with respect ro allegations of inequitable conduct (lf) (Entered: 02/02/2000)
01/31/2000	85	Opening Brief Filed by Union Carbide Chem [84-1] motion to Strike defts' new affirmative defense and to dismiss defts' new counterclaim with respect ro allegations of inequitable conduct - Answer Brief due 2/14/00 (lf) (Entered: 02/02/2000)
02/02/2000		Tele-conference held, Robinson, J., sitting; Rptr: B. Gaffigan (lf) (Entered: 02/02/2000)
02/03/2000	<b>VOID</b> 86	Steno Notes for 2/2/00; Rptr: B. Gaffigan (lf) (Entered: 02/04/2000)
02/03/2000	87	TRANSCRIPT filed [0-0] telephone conference for dates of 2/2/00; Rptr: B. Gaffigan (lf) (Entered: 02/04/2000)
02/03/2000	88	Letter dated 2/3/00 from Jeffrey Moyer to Judge Robinson; Re: version of Shell's protective order was not properly formatted - enclosing properly numbered paragraphs (lf) (Entered: 02/04/2000)
02/04/2000	89	Letter dated 1/19/00 from Jeffrey Moyer, Esq. to Judge RObinson; Re: Shell rqsting oral argument on motion for summary judgment (lf) (Entered: 02/04/2000)
02/04/2000	90	Reply Brief Filed by Shell Oil Company [60-1] motion for Summary Judgment that claims 1,2, & 7-1 of US Patent No. 4,916,243 are invalid (SEALED) (lf) (Entered: 02/04/2000)
02/04/2000	91	Declaration of Paul Conn (SEALED) (lf) (Entered: 02/04/2000)
02/04/2000	92	ORDER, pltf's rqst for oral argument on defts' motion for summary judgment is denied ( signed by Judge Sue L. Robinson ) copies to: cnsl (lf) (Entered: 02/07/2000)
02/04/2000	93	ORDER, procedures to follow regarding discovery disputes; See order for details ( signed by Judge Sue L. Robinson ) copies to: cnsl (lf) (Entered: 02/07/2000)
02/09/2000	94	Letter from Jeffrey Moyer, Esq. to Judge Robinson; Re: enclosing declarations of Bruce Winquist and Ruth Kowaleski as request by the court (lf) (Entered: 02/09/2000)
02/10/2000	95	Letter dated 2/10/00 from R. Eric Hutz, Esq. to Judge Robinson; Re; responding letter of Defts' cnsl submitted 2/7/00

05/15/2000	126	Letter dated 5/15/00 from Jeffrey Bove, Esq. to Judge RObinson: Re: agenda for telecnf. scheduled for 5/16/00 (lf) (Entered: 05/16/2000)
05/16/2000		Tele-conference held, Robinson, J. sitting; Rptr: K. Maurer (lf) (Entered: 05/16/2000)
05/16/2000	127 <b>VOID</b>	Steno Notes for 5/16/00; Rptr: K. Maurer (lf) (Entered: 05/16/2000)
05/16/2000	128	STIPULATION with proposed order; Re: amending scheduling order as follows: discovery to be completed by 7/28/00; dispositive motion deadlines by 10/10/00 (lf) (Entered: 05/22/2000)
05/17/2000	129	TRANSCRIPT filed for dates of 5/16/00; Rptr: K. Maurer (lf) (Entered: 05/22/2000)
05/18/2000	130	NOTICE of service of subpoena of Arizona State University and Dr. Peter Crozier by Union Carbide Chem (lf) (Entered: 05/22/2000)
05/23/2000	131	ORDER, on connection with discovery dispute; Shell's version of paragraph 14 in protective order shall be adopted; see order for details ( signed by Judge Sue L. Robinson ) copies to: cnsl (lf) (Entered: 05/26/2000)
05/23/2000	132	ORDER denying [44-1] motion to Disqualify (Strike) Union Carbide's counsel [44-1] motion ( signed by Judge Sue L. Robinson ) copies to: cnsl (lf) (Entered: 05/26/2000)
05/23/2000		So Ordered granting [128-1] stipulation ( signed by Judge Sue L. Robinson ) Notice to all parties. (lf) (Entered: 05/26/2000)
05/25/2000	133	RENOTICE by Shell Oil Company, Shell Chemical Co. to take deposition of Paul Hinman on 6/20/00 (lf) (Entered: 05/26/2000)
05/26/2000	134	Proposed Protective Order filed by Union Carbide Chem, Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (lf) (Entered: 05/31/2000)
05/31/2000		So Ordered [134-1] proposed order ( signed by Judge Sue L. Robinson ) Notice to all parties. (lf) (Entered: 06/01/2000)
05/31/2000	135	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; Defts 2nd set of interros (lf) (Entered: 06/01/2000)



10/23/2000	186	MOTION by Shell Oil Company, Shell Chemical Co. for claim construction and an expedited ruling Answer Brief due 11/6/00 re: [186-1] motion (lf) (Entered: 10/24/2000)
10/23/2000	187	Opening Brief Filed by Shell Oil Company, Shell Chemical Co. [186-1] motion for claim construction for the '343 and '481 patents in suit and an expedited ruling - Answer Brief due 11/6/00 (SEALED) (lf) (Entered: 10/24/2000)
10/23/2000	188	Opening Brief Filed by Shell Oil Company, Shell Chemical Co. [186-1] motion for claim construction for the '243 patent-in-suit and an expedited ruling - Answer Brief due 11/6/00 (SEALED) (lf) (Entered: 10/24/2000)
10/23/2000	189	NOTICE of certified prosecution history for USSN 021,727 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX 4 (lf) (Entered: 10/24/2000)
10/23/2000	190	NOTICE of Certified prosecution history for USSN 116,292 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX 5 (lf) (Entered: 10/24/2000)
10/23/2000	191	NOTICE of certified prosecution history for USSN 497,231 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX 6 (lf) (Entered: 10/24/2000)
10/23/2000	192	NOTICE of certified prosecution history for USSN 763,273 and 032,911 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX 7 (lf) (Entered: 10/24/2000)
10/23/2000	193	NOTICE of certified prosecution history for USSN 018,809 and 640,269 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX 8 (lf) (Entered: 10/24/2000)
10/23/2000	194	NOTICE of certified prosecution history for USSN 251,573 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX 9 (lf) (Entered: 10/24/2000)
10/23/2000	195	NOTICE of certified prosecution history for USSN 251,814 for use with briefs on claim construction issues by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company; JTX

		statement of issues on claim construction (in opposition to Shell's position). (bkb) (Entered: 11/17/2000)
11/21/2000	208	ORDER granting [186-1] motion for claim construction and an expedited ruling; oral arguments on claim construction will be held at the 12/14/00 pretrial conference. ( signed by Judge Sue L. Robinson ) copies to: cns1. (bkb) (Entered: 11/22/2000)
11/21/2000	209	Letter to Judge Robinson from Mr. Moyer re Union Carbide's 11/16/00 letter. (bkb) (Entered: 11/22/2000)
11/30/2000	210	MOTION by Shell Oil Company in Limine -----SEALED--- Answer Brief due 12/14/00 re: [210-1] motion (bkb) (Entered: 12/07/2000)
11/30/2000	211	Declaration of Stehpen E. Edwards & exhibits-----SEALED (bkb) (Entered: 12/07/2000)
11/30/2000	212	MOTION by Union Carbide Chem in Limine ----SEALED---- Answer Brief due 12/14/00 re: [212-1] motion (bkb) (Entered: 12/07/2000)
12/05/2000	216	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for William C. Slusser to Appear Pro Hac Vice re: [216-1] motion (bkb) (Entered: 12/11/2000)
12/05/2000	217	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Claudia Wilson Frost to Appear Pro Hac Vice re: [217-1] motion (bkb) (Entered: 12/11/2000)
12/05/2000	218	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company for Jayme Partridge to Appear Pro Hac Vice re: [218-1] motion (bkb) (Entered: 12/11/2000)
12/05/2000	219	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Marianna Burris to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)
12/05/2000	220	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Brian E. Simmons to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)
12/05/2000	221	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Gerard M. Devlin to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)



12/05/2000	222	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Stephen E. Edwards to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)
12/05/2000	223	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for John D. Norris to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)
12/05/2000	224	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Craig M. Lundell to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)
12/05/2000	225	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Collin A. Rose to Appear Pro Hac Vice (bkb) (Entered: 12/11/2000)
12/07/2000	213	Proposed Order filed by Union Carbide Chemical re motion(s) in limine. (bkb) (Entered: 12/08/2000)
12/07/2000	214	Answer Brief Filed----SEALED--- by Union Carbide Chem [210-1] motion in Limine - Reply Brief due 12/14/00 (bkb) (Entered: 12/08/2000)
12/07/2000	215	Answer Brief Filed----SEALED---- by Shell Oil Company, Shell Chemical Co. [212-1] motion in Limine - Reply Brief due 12/14/00 (bkb) (Entered: 12/08/2000)
12/08/2000	247	MOTION by Shell Oil Company to Compel pltf. to identify witnesses and specify claims Answer Brief due 12/22/00 re: [247-1] motion (bkb) (Entered: 12/22/2000)
12/11/2000	226	Letter to Clerk from Mr. Bove re orig. sig. page for affidavit of Walter Bratic (Ex. 2, DI 215). (bkb) (Entered: 12/12/2000)
12/11/2000	227	Proposed Jury instructions by Union Carbide Chem (bkb) (Entered: 12/12/2000)
12/11/2000	228	Proposed Verdict Sheet filed by Union Carbide Chem (bkb) (Entered: 12/12/2000)
12/11/2000	229	Proposed JUROR INFORMATION QUESTIONNAIRE by Union Carbide Chem (bkb) (Entered: 12/12/2000)
12/11/2000	230	JOINT Proposed pre-trial order filed by Union Carbide Chem, Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (bkb) (Entered: 12/12/2000)
12/11/2000	231	Letter to Judge Robinson from Mr. Terrell re defts' proposed;

12/13/2000	243	MOTION by Union Carbide Chem with Proposed Order for Allan M. Pepper to Appear Pro Hac Vice (bkb) (Entered: 12/13/2000)
12/13/2000	244	Reply Brief Filed by Union Carbide Chem [212-1] motion in Limine-----SEALED (bkb) (Entered: 12/14/2000)
12/13/2000	245	ORDER granting [225-1] motion for Collin A. Rose to Appear Pro Hac Vice, granting [224-1] motion for Craig M. Lundell to Appear Pro Hac Vice, granting [223-1] motion for John D. Norris to Appear Pro Hac Vice, granting [222-1] motion for Stephen E. Edwards to Appear Pro Hac Vice, granting [221-1] motion for Gerard M. Devlin to Appear Pro Hac Vice, granting [220-1] motion for Brian E. Simmons to Appear Pro Hac Vice, granting [219-1] motion for Marianna Burris to Appear Pro Hac Vice, granting [218-1] motion for Jayme Partridge to Appear Pro Hac Vice, granting [217-1] motion for Claudia Wilson Frost to Appear Pro Hac Vice, granting [216-1] motion for William C. Slusser to Appear Pro Hac Vice; IN THE FUTURE, the parties shall submit one order for multiple admission motions. ( signed by Judge Sue L. Robinson ) copies to: counsel (bkb) (Entered: 12/18/2000)
12/14/2000		Pre-trial conference held, Robinson,J., presiding; rprr. K. Maurer presiding. (bkb) (Entered: 12/18/2000)
12/14/2000		Pre-trial conference held, Robinson, J., presiding; reporter Maurer present. (rdb) (Entered: 01/12/2001)
12/15/2000	246	NOTICE by Shell Oil Company, Shell Chemical Co. in accord. w/Section 282 (bkb) (Entered: 12/18/2000)
12/18/2000	248	ORDER granting [239-1] motion for Steven J. Glassman to Appear Pro Hac Vice, granting [240-1] motion for Bruce J. Koch to Appear Pro Hac Vice, granting [241-1] motion for Kimberly D. Branch to Appear Pro Hac Vice, granting [242-1] motion for Benjamin Hsing to Appear Pro Hac Vice, granting [243-1] motion for Allan M. Pepper to Appear Pro Hac Vice ( signed by Judge Sue L. Robinson ) copies to: cnsl. (bkb) (Entered: 12/26/2000)
12/19/2000	249	Steno Notes for 12/14/00 P/T con. by reporter Maurer. (bkb) (Entered: 12/27/2000)
12/19/2000	250	Letter from Judge Robinson to counsel re trial schedule; trial set for 1/18/01 to 2/1/01. (bkb) Modified on 12/27/2000

		(Entered: 12/27/2000)
12/19/2000	251	TRANSCRIPT filed [0-0] pre-trial conference for dates of 12/14/00 (bkb) (Entered: 12/27/2000)
12/27/2000	252	Reply Brief Filed by Shell Oil Company, Shell Chemical Co. [210-1] motion in Limine AND sur-reply brief to Union Carbide's motions in limine. (bkb) (Entered: 01/02/2001)
12/27/2000	253	Declaration of Stephen E. Edwards (bkb) (Entered: 01/02/2001)
01/02/2001	254	SUPPLEMENTAL MOTIONS by Union Carbide Chem with Proposed Order in Limine -----SEALED----- Answer Brief due 1/16/01 re: [254-1] motion (bkb) (Entered: 01/03/2001)
01/05/2001		Markman Hearing held, Robinson, J., presiding; court reporter Gaffigan present; this a continuation of an earlier hearing. (rdb) Modified on 01/17/2001 (Entered: 01/12/2001)
01/08/2001	255	Answer Brief Filed by Shell Oil Company, Shell Chemical Co. [254-1] motion in Limine - Reply Brief due 1/16/01 (bkb) (Entered: 01/09/2001)
01/09/2001	256	TRANSCRIPT filed for dates of 1/5/01 P/T conf. (bkb) Modified on 01/09/2001 (Entered: 01/09/2001)
01/09/2001	257	TRANSCRIPT filed for dates of 1/5/01 re Markman Hearing cont'd (bkb) (Entered: 01/09/2001)
01/09/2001	258	Reply Brief Filed by Union Carbide Chem [254-1] motion in Limine-----SEALED (bkb) (Entered: 01/09/2001)
01/09/2001	259	Steno Notes for 01/05/01 hearing by reporter Gaffigan. (rdb) (Entered: 01/10/2001)
01/10/2001		(Court only) **Terminated deadlines (rdb) (Entered: 01/10/2001)
01/10/2001		Deadline updated; set Jury Trial for 9:30 1/22/01 (rdb) (Entered: 01/10/2001)
01/12/2001	260	Letter to Judge Robinson from Mr. Stevens re patent claims pltf. anticipates asserting at trial. (bkb) (Entered: 01/16/2001)
01/12/2001	261	Letter to Judge Robinson from Mr. Stevens re; agreed upon pro. voir dire; hard copy & disk of pro. prelim. jury instr.; hard copy & disk of pro. jury instr. (bkb) (Entered: 01/16/2001)

		02/06/2001)
02/06/2001	299	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [298-1] motion for Judgment as a Matter of Law on Shell's Non-Enablement, Written Description, & Indefiniteness Defenses on the '243 Patent (rld) (Entered: 02/06/2001)
02/06/2001	300	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Judgment as a Matter of Law on Shell's Defense of Inequitable Conduct on the '243, '343, & '481 Patents Answer Brief due 2/21/01 re: [300-1] motion (rld) (Entered: 02/06/2001)
02/06/2001	301	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [300-1] motion for Judgment as a Matter of Law on Shell's Defense of Inequitable Conduct on the '243, '343, & '481 Patents (rld) (Entered: 02/06/2001)
02/06/2001	302	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Judgment as a Matter of Law on its Invalidity Defense That the '243 Patent is Obvious Answer Brief due 2/21/01 re: [302-1] motion (rld) (Entered: 02/06/2001)
02/06/2001	303	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [302-1] motion for Judgment as a Matter of Law on its Invalidity Defense That the '243 Patent is Obvious (rld) (Entered: 02/06/2001)
02/06/2001		Jury trial held, Day 12; Judge Robinson presiding; crt. rpt. Hawkins. (rld) (Entered: 02/20/2001)
<u>02/06/2001</u>		<u>Exhibit(DTX 694:Shell's Offer of Proof Regarding Union Carbide's Japanese Opposition) filed in open court; for appeal only.---SEALED---</u> (rld) (Entered: 02/21/2001)
02/06/2001		MOTION in open court by Union Carbide Chem for Judgment as a Matter of Law as to defense based on 35 USC Section 102 (g) re: [0-0] motion (rld) (Entered: 02/21/2001)
02/06/2001		MOTION in open court by Union Carbide Chem for Judgment as a Matter of Law as to defense based on 35 USC 102(b) re: [0-0] motion (rld) (Entered: 02/21/2001)
02/06/2001		MOTION in open court by Union Carbide Chem for Judgment as a Matter of Law as to defenses based on 35 USC Section

04/02/2001	318	Appendix to Brief Volume II; Filed by Union Carbide Chem Appending [316-1] opening brief (rld) (Entered: 04/04/2001)
04/02/2001	319	MOTION by Union Carbide Chem with Proposed Order for Return of Privileged Document Answer Brief due 4/16/01 re: [319-1] motion---SEALED--- (rld) Modified on 04/04/2001 (Entered: 04/04/2001)
04/02/2001	320	Declaration of Benjamin C. Hsing in Support of Union Carbide's Motion Concerning Return of Privileged Document-- -SEALED--- (rld) Modified on 04/04/2001 (Entered: 04/04/2001)
04/02/2001	321	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Recovery of Attorney Fees ---SEALED--- Answer Brief due 4/16/01 re: [321-1] motion (rld) Modified on 04/04/2001 (Entered: 04/04/2001)
04/02/2001	322	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [321-1] motion for Recovery of Attorney Fees---SEALED--- - Answer Brief due 4/16/01 (rld) Modified on 04/04/2001 (Entered: 04/04/2001)
04/02/2001	323	AFFIDAVIT of Allen M. Terrell, Jr.; by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Re: [321-1] motion for Recovery of Attorney Fees---SEALED--- (rld) (Entered: 04/04/2001)
04/02/2001	324	AFFIDAVIT of John D. Norris; by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Re: [321-1] motion for Recovery of Attorney Fees---SEALED--- (rld) (Entered: 04/04/2001)
04/02/2001	325	AFFIDAVIT of William C. Slusser; by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Re: [321-1] motion for Recovery of Attorney Fees---SEALED--- (rld) (Entered: 04/04/2001)
<u>04/02/2001</u>	<u>326</u>	<u>Supplemental MOTION by Shell Oil Company, Shell</u> <u>Chemical Co., CRI Catalyst Company for Judgment as a</u> <u>Matter of Law , or Alternatively Renewed motion for jgm. on</u> <u>Shell's Defense of Inequitable Conduct on the '243, '343, &amp;</u> <u>'481 Patents ---SEALED---Answer Brief due 4/16/01 re: [326-</u> <u>1] motion, Answer Brief due 4/16/01 re: [326-2] motion (rld)</u> <u>Modified on 04/04/2001 (Entered: 04/04/2001)</u>

04/02/2001	327	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [326-1] motion for Judgment as a Matter of Law - Answer Brief due 4/16/01, [326-2] motion Renewed motion for jgm. on Shell's Defense of Inequitable Conduct on the '243, '343, & '481 Patents - Answer Brief due 4/16/01---SEALED--- (rld) (Entered: 04/04/2001)
04/02/2001		(Court only) **Terminated documents; Union Carbide's three motions for JMOL filed in open court on 2/6/01 are MOOT per filing of renewed motion DI 315 on 4/2/01; Union Carbide's motion for misc. relief to preclude closing argument on patent-coping is MOOT per Judge's decision in open court on 2/6/01--SEE Transcript from trial on 2/6/01 for further details. (rld) (Entered: 08/27/2001)
04/06/2001	328	Letter to Judge Robinson from Mr. Moyer re post-trial briefing schedule. (rld) (Entered: 04/11/2001)
04/13/2001	329	MOTION by Union Carbide Chem with Proposed Order for Judgment as a Matter of Law on Shell's Inequitable Conduct Defenses and counterclaims Answer Brief due 4/27/01 re: [329-1] motion (rld) (Entered: 05/08/2001)
04/13/2001	330	Opening Brief Filed by Union Carbide Chem [329-1] motion for Judgment as a Matter of Law on Shell's Inequitable Conduct Defenses and counterclaims (rld) (Entered: 05/08/2001)
04/27/2001	331	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [329-1] motion for Judgment as a Matter of Law on Shell's Inequitable Conduct Defenses and counterclaims - Reply Brief due 5/4/01 (rld) (Entered: 05/08/2001)
05/04/2001	332	Reply Brief Filed by Union Carbide Chem [329-1] motion for Judgment as a Matter of Law on Shell's Inequitable Conduct Defenses and counterclaims (rld) (Entered: 05/08/2001)
05/07/2001	333	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [319-1] motion for Return of Privileged Document - Reply Brief due 5/14/01---SEALED--- (rld) (Entered: 05/08/2001)
05/07/2001	334	Declaration of John D. Norris---SEALED--- (rld) (Entered: 05/08/2001)
05/07/2001	335	Answer Brief Filed by Shell Oil Company, Shell Chemical



		Co., CRI Catalyst Company [315-1] motion for Judgment as a Matter of Law - Reply Brief due 5/14/01, [315-2] motion for New Trial - Reply Brief due 5/14/01---SEALED--- (rld) (Entered: 05/08/2001)
05/07/2001	336	Declaration of of Steven J. Glassman concerning motions for jgm. on inequitable conduct defenses and counterclaims. (rld) (Entered: 05/08/2001)
05/07/2001	337	Answer Brief Filed by Union Carbide Chem [326-1] motion for Judgment as a Matter of Law - Reply Brief due 5/14/01, [326-2] motion Renewed motion for jgm. on Shell's Defense of Inequitable Conduct on the '243, '343, & '481 Patents - Reply Brief due 5/14/01 (rld) (Entered: 05/08/2001)
05/07/2001	338	Answer Brief Filed by Union Carbide Chem [321-1] motion for Recovery of Attorney Fees - Reply Brief due 5/14/01---SEALED--- (rld) (Entered: 05/08/2001)
05/21/2001	339	Reply Brief Filed by Union Carbide Chem [315-1] motion for Judgment as a Matter of Law, [315-2] motion for New Trial (rld) (Entered: 05/23/2001)
05/21/2001	340	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [321-1] motion for Recovery of Attorney Fees---SEALED--- (rld) (Entered: 05/23/2001)
05/21/2001	341	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [326-1] motion for Judgment as a Matter of Law, [326-2] motion Renewed motion for jgm. on Shell's Defense of Inequitable Conduct on the '243, '343, & '481 Patents---SEALED--- (rld) (Entered: 05/23/2001)
05/21/2001	342	Reply Brief Filed by Union Carbide Chem [319-1] motion for Return of Privileged Document---SEALED--- (rld) (Entered: 05/23/2001)
05/24/2001	343	Letter to Judge Robinson from J. Bove re briefing on Union Carbide's Motions for JMOL & for new trial is complete; req. new trial be granted and scheduling of oral argument. (rld) (Entered: 05/25/2001)
06/01/2001	344	STIPULATION Amending Protective Order (rld) (Entered: 06/05/2001)
06/06/2001		So Ordered granting [344-1] stipulation to amend the protective order; ( signed by Judge Sue L. Robinson ) Notice

		02/19/2003)
02/14/2003	403	Declaration of Dr. Robert Nielsen in Support of D.I.#401 (rld) (Entered: 02/19/2003)
02/14/2003	404	Declaration of Dr. Richard A. Jones in support of D.I. #401 (rld) (Entered: 02/19/2003)
02/14/2003	405	Declaration of Jeffrey L. Moyer in support of D.I.#401 (rld) (Entered: 02/19/2003)
02/14/2003	406	Declaration of Paul J. Conn in support of D.I. #401 (rld) (Entered: 02/19/2003)
02/19/2003	407	Answer Brief Filed by Union Carbide Chem [388-1] motion for Judgment as a Matter of Law on Union Carbide's Claims of Infringement - Reply Brief due 2/26/03 (rld) (Entered: 02/19/2003)
02/19/2003	408	SEALED Appendix to Brief Filed by Union Carbide Chem Appending [407-1] answer brief (rld) Modified on 02/24/2003 (Entered: 02/19/2003)
02/20/2003		So Ordered granting [391-1] stipulation reset Answer Brief Deadline to 2/18/03 re: [388-1] motion for Judgment as a Matter of Law on Union Carbide's Claims of Infringement ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 02/20/2003)
02/20/2003		(Court only) **Terminated deadlines (rld) (Entered: 02/20/2003)
02/21/2003	409	Letter to Clerk from J. Bove re DI # 408; realized that included info subject to the Protective Order and requested that the Clerk's office treat as filed under seal; have determined that only the Appendix contains info that should be filed under seal; have enclosed a replacement cover page for the Appendix; request replace the cover sheets on DI # 408 and note that this item is filed under seal (fmt) (Entered: 02/24/2003)
02/21/2003	410	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re Exper Rpt. of Alan A. Cowley (fmt) (Entered: 02/25/2003)
02/21/2003	411	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re Expert Rpt. of Ann Lauritzen (fmt) (Entered: 02/25/2003)

02/21/2003	412	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re Expert Rpt. of John T. Goolkasian (fmt) (Entered: 02/25/2003)
02/21/2003	413	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re Expert Rpt. of Robert T. Nielsen, Ph.D. (fmt) (Entered: 02/25/2003)
02/21/2003	414	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re 1st supplemental responses to 2nd set of interrogs (fmt) (Entered: 02/25/2003)
02/21/2003	415	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re Expert Rpt. of Paul J. Conn (fmt) (Entered: 02/25/2003)
02/21/2003	416	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re Expert Rpt. of Richard A. Jones (fmt) (Entered: 02/25/2003)
02/24/2003	417	STIPULATION for extension of time to serve and file Reply Brief in Support of DI # 388; with proposed order (fmt) (Entered: 02/25/2003)
02/26/2003		So Ordered granting [417-1] stipulation reset Reply Brief Deadline to 3/3/03 re: [388-1] motion for Judgment as a Matter of Law on Union Carbide's Claims of Infringement ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 02/26/2003)
03/03/2003	418	SEALED Answer Brief Filed by Union Carbide Chem [401-1] cross motion for Summary Judgment - Reply Brief due 3/10/03 (rld) (Entered: 03/04/2003)
03/03/2003	419	SEALED Appendix to Brief Filed by Union Carbide Chem Appending [418-1] answer brief (rld) (Entered: 03/04/2003)
03/03/2003	420	CROSS MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company for Summary Judgment that Claim 4 of the '243 Patent is Indefinite re: [420-1] cross motion (rld) (Entered: 03/04/2003)
03/03/2003	421	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [398-1] motion for Judgment as a Matter of Law on Shell's Defense of Obviousness respecting Claim 4 of the '243 Patent - Reply Brief due 3/10/03 (rld) (Entered: 03/04/2003)

03/03/2003	422	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [388-1] motion for Judgment as a Matter of Law on Union Carbide's Claims of Infringement (rld) (Entered: 03/04/2003)
03/03/2003	423	SEALED Declaration of Jeffrey L. Moyer in support of D.I. 422 (rld) (Entered: 03/04/2003)
03/03/2003	424	SEALED Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [395-1] motion to Dismiss Shell's counterclaims that the '343 patent and '481 patent are invalid - Reply Brief due 3/10/03 (rld) (Entered: 03/04/2003)
03/03/2003	425	SEALED Declaration of Jeffrey L. Moyer in support of D.I. 424 (rld) (Entered: 03/04/2003)
03/03/2003	426	SEALED Combined Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [392-1] motion for Summary Judgment on Shell's defenses taht Claim 4 of the '243 Patent is indefinite and non-enabled - Reply Brief due 3/10/03; AND opening brief to D.I. #420 (rld) (Entered: 03/04/2003)
03/03/2003		Second Part of D.I. #426; SEALED Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [420-1] cross motion for Summary Judgment that Claim 4 of the '243 Patent is Indefinite (rld) (Entered: 03/04/2003)
03/03/2003	427	SEALED Declaration of Jeffrey L. Moyer in support of D.I. 426 (rld) (Entered: 03/04/2003)
03/03/2003	428	SEALED Declaration of Richard A. Jones in support of D.I. 426 (rld) (Entered: 03/04/2003)
03/04/2003	429	Letter to Judge Robinson from J. Moyer re confidential designation of documents containing Carbide's testing of Shell's catalyst. (rld) (Entered: 03/06/2003)
03/06/2003	430	STIPULATION re Briefing schedule for various motions; with proposed order (fmt) (Entered: 03/07/2003)
03/10/2003		So Ordered granting [430-1] stipulation reset Reply Brief Deadline to 3/17/03 re: [401-1] cross motion for Summary Judgment, 3/17/03 re: [398-1] motion for Judgment as a Matter of Law on Shell's Defense of Obviousness respecting Claim 4

		of the '243 Patent, 3/17/03 re: [395-1] motion to Dismiss Shell's counterclaims that the '343 patent and '481 patent are invalid, 3/17/03 re: [392-1] motion for Summary Judgment on Shell's defenses taht Claim 4 of the '243 Patent is indefinite and non-enabled , and reset Reply Brief Deadline to 3/24/03 re: [420-1] cross motion for Summary Judgment that Claim 4 of the '243 Patent is Indefinite ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 03/10/2003)
03/10/2003	431	Letter to Judge Robinson from J. Bove responding to 3/4/03 letter from Shell (DI # 429); attaching a copy of the Protective Order (fmt) (Entered: 03/11/2003)
03/13/2003	432	Letter to Judge Robinson from J. Moyer requesting a telephone conference with counsel to resolve the issues outlined in the letter (fmt) (Entered: 03/14/2003)
03/17/2003	433	Letter to Judge Robinson from J. Moyer responding to Union Carbide's letter of 3/10/03 pertaining to the protective order in this case (D.I. # 431); for the reasons set forth in this letter and Shell's renewed motion for JMOL, Shell respectfully requests that the Court grant Shell's motion for JMOL and overrule Union Carbide's objs. to Shell's proposal to reveal the catalyst testing information to Shell personnel (fmt) Modified on 03/18/2003 (Entered: 03/18/2003)
03/17/2003	434	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [401-1] cross motion for Summary Judgment (fmt) (Entered: 03/18/2003)
03/17/2003	435	SEALED Declaration of Jeffrey L. Moyer in support of Shell's Reply to its Cross MOtion for Sum. Jgm. (fmt) (Entered: 03/18/2003)
03/17/2003	436	Reply Brief Filed by Union Carbide Chem [398-1] motion for Judgment as a Matter of Law on Shell's Defense of Obviousness respecting Claim 4 of the '243 Patent (fmt) (Entered: 03/18/2003)
03/17/2003	437	Appendix to Brief Filed by Union Carbide Chem Appending [436-1] reply brief (fmt) (Entered: 03/18/2003)
03/17/2003	438	SEALED Reply Brief Filed by Union Carbide Chem [395-1] motion to Dismiss Shell's counterclaims that the '343 patent and '481 patent are invalid (fmt) (Entered: 03/18/2003)
03/17/2003	439	SEALED Appendix to Brief Filed by Union Carbide Chem

		Appending [438-1] reply brief (fmt) (Entered: 03/18/2003)
03/17/2003	440	SEALED COMBINED Answer Brief Filed by Union Carbide Chem [420-1] cross motion for Summary Judgment that Claim 4 of the '243 Patent is Indefinite - Reply Brief due 3/24/03 AND Reply Brief in support of Union Carbide's Motion for Sum. Jgm. on Shell's defenses that Claim 4 of the '243 Patent is indefinite and non-enabled (fmt) (Entered: 03/18/2003)
03/17/2003		2nd Part of D.I. # 440; SEALED Reply Brief Filed by Union Carbide Chem [392-1] motion for Summary Judgment on Shell's defenses taht Claim 4 of the '243 Patent is indefinite and non-enabled; SEE D.I. # 440 for Document (fmt) (Entered: 03/18/2003)
03/17/2003	441	SEALED Appendix to Brief Filed by Union Carbide Chem Appending [0-1] reply brief, [440-1] answer brief (fmt) (Entered: 03/18/2003)
03/21/2003	442	Letter to Judge Robinson from J. Bove responding to the 3/13/03 letter from counsel for Shell to the Court requesting a telephone conf. on various issues (D.I. # 432); Union Carbide asks that the Court not allow expansion of this case; Union Carbide asks the Court to hold that the liability issues go to trial with the expert reports and discovery that were the basis of the first trial of this case (fmt) (Entered: 03/24/2003)
03/24/2003	443	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI [420-1] cross motion for Summary Judgment that Claim 4 of the '243 Patent is Indefinite (fmt) (Entered: 03/25/2003)
03/24/2003	444	Declaration of Jeffrey L. Moyer in Support of Shell's Reply (D.I. # 443) (fmt) (Entered: 03/25/2003)
03/25/2003	445	Letter to Judge Robinson from J. Bove responding to Shell's 3/17/03 letter (D.I. # 433) (fmt) (Entered: 03/26/2003)
03/26/2003		(Court only) **Terminated deadlines (rld) (Entered: 03/26/2003)
03/26/2003		Deadline updated; Oral Argument for 5:00 5/15/03 re summary jgm. motions; moved from 5/7/03 date per cnsl.'s request. (rld) (Entered: 03/26/2003)
03/27/2003	446	Letter to Judge Robinson from J. Moyer responding to Union Carbide's 3/21/03 letter to the Court; Shell requests a teleconf. to address issues in advance of the hearing set for the parties'



		pending motions (fmt) (Entered: 03/28/2003)
03/27/2003	447	Letter to Clerk from J. Heisman confirming date for Oral Argument on Sum Jgm and JMOL Motions has been rescheduled for 5/15/03 at 5:00 p.m. (fmt) (Entered: 03/28/2003)
04/02/2003	448	Letter to Judge Robinson from J. Bove responding to Shell's letter of 3/27/03; responding in order to correct Shell's major mischaracterizations of the record and the case law (fmt) (Entered: 04/03/2003)
04/04/2003	449	Letter to Judge Robinson from J. Moyer re Carbide's 4/2/03 letter to the Court (fmt) (Entered: 04/04/2003)
04/15/2003		Deadline updated; set Telephone Conference for 4:00 4/17/03 (rld) (Entered: 04/15/2003)
04/17/2003		Tele-conference held; Judge Robinson presiding; crt. rptr. B. Gaffigan (rld) (Entered: 04/22/2003)
04/18/2003	450	TRANSCRIPT filed [0-0] telephone conference for dates of 4/17/03 (rld) (Entered: 04/22/2003)
04/21/2003	451	Steno Notes for 4/17/03 Teleconference; Judge Robinson presiding; Court Rptr. B. Gaffigan (fmt) (Entered: 04/23/2003)
04/23/2003	452	STIPULATED Briefing Schedule for Union Carbide Corporation's Motion to Strike Dfts' New Expert Reports and Test Results; with proposed order (fmt) (Entered: 04/24/2003)
04/23/2003	453	MOTION by Union Carbide Chem to Strike Shell's New Expert Reports and New Test Data Answer Brief due 5/7/03 re: [453-1] motion (fmt) (Entered: 04/24/2003)
04/23/2003	454	SEALED Opening Brief Filed by Union Carbide Chem [453-1] motion to Strike Shell's New Expert Reports and New Test Data (fmt) (Entered: 04/24/2003)
04/23/2003	455	SEALED Appendix to Brief Filed by Union Carbide Chem Appending [454-1] opening brief (fmt) (Entered: 04/24/2003)
04/28/2003		So Ordered granting [452-1] stipulation reset Answer Brief Deadline to 5/1/03 re: [453-1] motion to Strike Shell's New Expert Reports and New Test Data , and reset Reply Brief Deadline to 5/6/03 re: [453-1] motion to Strike Shell's New Expert Reports and New Test Data ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 04/28/2003)

05/01/2003	456	SEALED Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [453-1] motion to Strike Shell's New Expert Reports and New Test Data - Reply Brief due 5/8/03 (rld) (Entered: 05/02/2003)
05/01/2003	457	SEALED Declaration of Frederick L. Cottrell, III in support of D.I. 456 (rld) (Entered: 05/02/2003)
05/06/2003	458	SEALED Reply Brief Filed by Union Carbide Chem [453-1] motion to Strike Shell's New Expert Reports and New Test Data (rld) (Entered: 05/07/2003)
05/06/2003	459	SEALED Appendix to Brief Filed by Union Carbide Chem Appending [458-1] reply brief (rld) (Entered: 05/07/2003)
05/13/2003	460	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re 2nd supplemental report of Paul J. Conn (fmt) (Entered: 05/15/2003)
05/15/2003		Oral Argument held; Judge Robinson presiding; Court Rptr. V. Gunning; re: post-trial motions (fmt) (Entered: 05/16/2003)
05/15/2003	465	Shell's List of Materials covered by Union Carbide's Motion to Strike Shell's new expert reports and new test data (fmt) (Entered: 06/17/2003)
05/16/2003	461	SEALED Appendix to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [456-1] answer brief (rld) (Entered: 05/20/2003)
05/20/2003	462	TRANSCRIPT filed [0-0] status conference for dates of 5/15/03; Judge Robinson presiding; crt. rptr. V. Gunning. (rld) (Entered: 05/21/2003)
06/11/2003	463	Letter to Judge Robinson from J. Bove re updating damages discovery; Union Carbide requests that the Court order Shell to update production for the categories listed in the letter in Tab A (fmt) (Entered: 06/12/2003)
06/16/2003	464	Letter to Judge Robinson from A. Terrell, Jr. responding to D.I. # 463; Shell requests that the court not enter the requested order compelling discovery until after ruling on the pending motions and after the parties have an opportunity to thereafter meaningfully meet and confer and provide the court with any specific dispute that remains (fmt) (Entered: 06/16/2003)
06/23/2003	466	CERTIFICATE OF SERVICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re dfts' 2nd

		motion, Answer Brief due 7/24/03 re: [493-16] motion, Answer Brief due 7/24/03 re: [493-17] motion, Answer Brief due 7/24/03 re: [493-18] motion, Answer Brief due 7/24/03 re: [493-19] motion, Answer Brief due 7/24/03 re: [493-20] motion, Answer Brief due 7/24/03 re: [493-21] motion, Answer Brief due 7/24/03 re: [493-22] motion (fmt) (Entered: 07/11/2003)
07/10/2003	494	SEALED Declaration of Jeffrey L. Moyer in support of Shell's Motions in Limine (fmt) (Entered: 07/11/2003)
07/17/2003	495	Shell's Notice of Due Date of responses to motions in limine and Alternative MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order to have local rules determine the due date Answer Brief due 7/31/03 re: [495-1] motion (fmt) (Entered: 07/18/2003)
07/18/2003	496	Letter to Judge Robinson from J. Bove re DI # 495; Union Carbide will agree to follow the local rules such that responses to Motions in Limine will be due on 7/24/03 (fmt) (Entered: 07/18/2003)
07/21/2003		So Ordered denying [495-1] motion to have local rules determine the due date ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 07/21/2003)
07/21/2003	497	Proposed Jury Verdict Form filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 07/21/2003)
07/21/2003	498	Joint Proposed Jury instructions by Union Carbide Chem, Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 07/21/2003)
07/21/2003	499	Proposed Voir dire questions by Union Carbide Chem (fmt) (Entered: 07/21/2003)
07/21/2003	500	Proposed Special Verdict form filed by Union Carbide Chem (fmt) (Entered: 07/21/2003)
07/21/2003	501	Proposed Joint PRETRIAL ORDER (fmt) (Entered: 07/21/2003)
07/21/2003	502	Proposed Voir dire questions by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 07/21/2003)
07/22/2003		Deadline updated; set Jury Trial for 9:30 10/20/03 (rld)

		salt patents (fmt) (Entered: 07/24/2003)
07/22/2003	519	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [479-1] motion in Limine No. 9 re claims at issue (fmt) (Entered: 07/24/2003)
07/22/2003	520	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [481-1] motion in Limine No. 11 re undisclosed anticipation and/or obviousness invalidity defenses (fmt) (Entered: 07/24/2003)
07/22/2003	521	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [485-1] motion in Limine No. 15 re inequitable conduct and alleged prosecution irregularities (fmt) (Entered: 07/24/2003)
07/22/2003	522	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [486-1] motion in Limine No. 16 re testimony of Shell's patent law expert on willful infringement (fmt) (Entered: 07/24/2003)
07/22/2003	523	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [488-1] motion in Limine No. 18 re DTX 14 (fmt) (Entered: 07/24/2003)
07/22/2003	524	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [489-1] motion in Limine No. 19 re ownership of the '243 patent (fmt) (Entered: 07/24/2003)
07/22/2003	525	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [487-1] motion in Limine No. 17 to preclude Shell from introducing at trial evidence relating to the length of time Union Carbide waited to file suit against Shell (fmt) (Entered: 07/24/2003)
07/23/2003	526	SEALED Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [515-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	527	Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [516-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	528	SEALED Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [518-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	529	Exhibits to Brief Filed by Shell Oil Company, Shell Chemical

		Co., CRI Catalyst Company Appending [519-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	530	Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [520-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	531	Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [509-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	532	Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [525-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	533	Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [523-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	534	SEALED Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [524-1] answer brief (fmt) (Entered: 07/24/2003)
07/23/2003	535	SEALED Exhibits to Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company Appending [511-1] answer brief (fmt) (Entered: 07/24/2003)
07/24/2003	536	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company to objections and responses to Shell's Motions in Limine (fmt) (Entered: 07/24/2003)
07/24/2003	537	CERTIFICATE OF SERVICE by Union Carbide Chem re responses to motions in limine, appendix to responses to motions in limine, and objections and responses to motions in limine (fmt) (Entered: 07/24/2003)
07/24/2003		Pre-trial conference held; Judge Robinson presiding; Court Rptr. K. Maurer; Parties to supplement briefing by 8/7/03; D.I. # 474, 476, 479, 480, 482, 484, 485, 486, 487 are GRANTED; D.I. # 491 is DENIED; D.I. # 493-3 is GRANTED, D.I. # 493-4 is GRANTED, D.I. # 493-5 is GRANTED; D.I. # 495 is DENIED AS MOOT (fmt) (Entered: 07/28/2003)
07/24/2003		So Ordered (JUDGE ROBINSON RULED IN OPEN COURT) granting [493-3] motion in Limine (III) re any suggestion of dfts' allegedly improper remarks made during the first trial, granting [493-4] motion in Limine (IV) re suggestion

		to dfts' actions in connection with alleged infringement of the '243 patent, granting [493-5] motion in Limine (V) re suggestion that dft is infringing any claim of the '243 patent other than claim 4, denying [491-1] motion in Limine No. 21 re Shell's anticipation defense, granting [487-1] motion in Limine No. 17 to preclude Shell from introducing at trial evidence relating to the length of time Union Carbide waited to file suit against Shell, granting [486-1] motion in Limine No. 16 re testimony of Shell's patent law expert on willful infringement, granting [485-1] motion in Limine No. 15 re inequitable conduct and alleged prosecution irregularities, granting [484-1] motion in Limine No. 14 re testimony from Shell's Patent Law Expert on improper subject matters, granting [482-1] motion in Limine No. 12 re patent misuse, granting [480-1] motion in Limine No. 10 re alleged prior bad acts granting [479-1] motion in Limine No. 9 re claims at issue, granting [476-1] motion in Limine No. 6 re foreign maintenance fees and foreign counterparts, granting [474-1] motion in Limine No. 4 re the prior 1980s litigation between Union Carbide and Shell mooted [495-1] motion to have local rules determine the due date (fmt) (Entered: 07/28/2003)
07/24/2003		Deadline updated; set Brief deadline to 8/7/03 ; parties to supplement briefing by 8/7/03 (fmt) (Entered: 07/28/2003)
07/29/2003		Deadline updated; reset Jury Trial for 9:30 10/23/03 for seven days per pre-trial conference. (rld) (Entered: 07/29/2003)
07/29/2003	538	TRANSCRIPT filed pre-trial conference for dates of 7/24/03; Judge Robinson presiding; Court Rptr. K. Maurer (fmt) (Entered: 07/29/2003)
07/29/2003	539 <b>VOID</b>	Steno Notes for 7/24/03 Pre-trial Conference; Judge Robinson presiding; Court Rptr. K. Maurer (fmt) (Entered: 07/29/2003)
08/07/2003	540	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order to Strike Mr. Bratic's 2nd supplemental expert report Answer Brief due 8/21/03 re: [540-1] motion (rld) (Entered: 08/08/2003)
08/07/2003	541	SEALED Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [540-1] motion to Strike Mr. Bratic's 2nd supplemental expert report (rld) (Entered: 08/08/2003)
08/07/2003	542	SEALED Declaration of Jeffrey L. Moyer in support of D.I.



		<p>Limine (XIII) re any mention of or reference to a claim that either pltf. is entitled to damages resulting from any activities performed outside the United States alleged to infringe claim 4 of the '243 patent under 35 U.S.C. sections 271 (b)(c) or (f), [493-14] motion in Limine (XIV) re any mention of or reference to dfts' or any third party's activities outside the United States, [493-15] motion in Limine (XV) re any mention of or reference to a claim that any dft infringed claim 4 of the '243 patent under 35 U.S.C. section 271(f), [493-16] motion in Limine (XVI) re any mention of or reference by pltf's that they are entitled to any damages suffered by Union Carbide Corporation, [493-17] motion in Limine (XVII) re any mention of or reference by pltf's to the amount of damages suffered by UCC as a result of dfts' alleged infringement of the '243 patent in support of UCCPTC's damages, [493-18] motion in Limine (XVIII) re any mention of or reference by pltf's to lost profits, including price erosion, as a measure of damages or as a factor to be considered in the determination of a reasonable royalty, [493-19] motion in Limine (XIX) re any mention of or reference to the actual dollar values of Shell's profits from the sale of MEG or any alleged erosion of MEG prices, [493-20] motion in Limine (XX) re any mention of or reference to damages from Shell's licensing of it EO process technology outside the United States, [493-21] motion in Limine (XXI) re any mention of or reference to damages representing a portion of the benefit to Shell from the licensing of its EO process technology to third parties or any harm to UCCPTC allegedly resulting from Shell's licensing of those processes, [493-22] motion in Limine (XXII) re any mention of or reference to damages amounts until pltf's have shown that a named pltf has standing to sue and to recover damages for infringement of the '243 patent (rld) Modified on 08/08/2003 (Entered: 08/08/2003)</p>
08/07/2003	545	SEALED Declaration of Jeffrey L. Moyer in support of D.I. 543 and 544. (rld) (Entered: 08/08/2003)
08/07/2003	546	<p>(Supplemental Briefing re Motions in Limine)</p> <p>MEMORANDUM by Union Carbide Chem in support of [490-1] motion in Limine No. 20 to preclude Shell's proof relating to calculations of a reasonable royalty amount based upon fictitious royalty base, [489-1] motion in Limine No. 19 re ownership of the '243 patent, [488-1] motion in Limine No. 18 re DTX 14, [483-1] motion in Limine No. 13 re invalidity</p>

		defenses based on alleged prior commercial use, [481-1] motion in Limine No. 11 re undisclosed anticipation and/or obviousness invalidity defenses, [478-1] motion in Limine No. 8 re salt patents, [477-1] motion in Limine No. 7 re any reference to the first trial in this matter including the claim construction and jury verdict from the first trial (rld) (Entered: 08/08/2003)
08/07/2003	547	SEALED Appendix to Brief Filed by Union Carbide Chem Appending D.I. 546 (rld) (Entered: 08/08/2003)
08/12/2003	548	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Laura Friedl Jones, Esq. to Appear Pro Hac Vice (fmt) (Entered: 08/12/2003)
08/13/2003		So Ordered granting [548-1] motion for Laura Friedl Jones, Esq. to Appear Pro Hac Vice ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 08/13/2003)
08/21/2003	549	Letter to Judge Robinson from J. Bove enclosing proffered Statement of Non-Liability re claims 1-3 and 5-11 of U.S. Patent '243 (rld) (Entered: 08/22/2003)
08/21/2003	550	STIPULATION to extend time for pltf. to file answering brief to motion to strike W. Bratic's 2nd suppl. expert report; with proposed order (rld) (Entered: 08/22/2003)
08/25/2003	551	SEALED Response Filed by Union Carbide Chem [540-1] motion to Strike Mr. Bratic's 2nd supplemental expert report - Reply Brief due 9/2/03 (fmt) (Entered: 08/26/2003)
08/25/2003	552	SEALED Appendix to Response Filed by Union Carbide Chem Appending [551-1] Response (fmt) (Entered: 08/26/2003)
08/27/2003		So Ordered granting [550-1] stipulation; Union Carbide's Answering Brief on Shell's Motion to Strike Walt Bratic's 2nd supplemental Expert Report is due 8/25/03 reset Reply Brief Deadline to 9/3/03 re: [540-1] motion to Strike Mr. Bratic's 2nd supplemental expert report ( signed by Judge Sue L. Robinson ) Notice to all parties. (fmt) (Entered: 08/28/2003)
08/27/2003	553	NOTICE of change of address by Union Carbide Chem; new street address for Connolly Bove Lodge & Hutz LLP (fmt) (Entered: 08/28/2003)

08/28/2003	554	Supplemental Response by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company in opposition to [479-1] motion in Limine No. 9 re claims at issue (fmt) (Entered: 08/29/2003)
08/28/2003	555	Letter to Judge Robinson from J. Moyer enclosing courtesy copy of D.I. # 554 (fmt) (Entered: 08/29/2003)
09/02/2003	556	Memorandum by Union Carbide Chem in opposition to [554-1] Shell's Supplemental response to Union Carbide's Motion in limine No. 9 re: claims at issue (fmt) Modified on 09/03/2003 (Entered: 09/03/2003)
09/03/2003	557	SEALED Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [540-1] motion to Strike Mr. Bratic's 2nd supplemental expert report (fmt) (Entered: 09/03/2003)
09/03/2003	558	<u>SEALED Declaration of Jeffrey L. Moyer in support of Shell's reply to its motion to strike Mr. Bratic's Second Supplemental Expert Report (fmt) (Entered: 09/03/2003)</u>
09/10/2003	559	STIPULATION Amending Protective Order. (rld) (Entered: 09/11/2003)
09/11/2003		So Ordered granting [559-1] stipulation Amending the Protective Order ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 09/12/2003)
09/22/2003	560	Supplemental Section 282 NOTICE by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 09/23/2003)
09/26/2003	561	ORDER granting [540-1] motion to Strike Mr. Bratic's 2nd supplemental expert report withdrawing [493-1] motion in Limine (I) re any mention or reference to the fact that dfts filed motions for protection, withdrawing [493-2] motion in Limine (II) re any mention that dfts filed these motions or any other motions in limine, denying [493-6] motion in Limine (VI) re mention of or reference to a claim that any dft or any third party has infringed any claim of the '243 patent under the doctrine of equivalents, denying [493-7] motion in Limine (VII) re any reference to or allegation that any dft or any third party has infringed any claim of the '243 patent under the doctrine of equivalents, granting [493-8] motion in Limine (VIII) re any mention or reference to any new damages theory

10/10/2003	567	MOTION by Union Carbide Chem with Proposed Order to Strike 1st Suppl. Report of Carol A. Lundington and attached document Answer Brief due 10/24/03 re: [567-1] motion (rld) (Entered: 10/14/2003)
10/10/2003	568	SEALED Opening Brief Filed by Union Carbide Chem [567-1] motion to Strike 1st Suppl. Report of Carol A. Lundington and attached document (rld) (Entered: 10/14/2003)
10/14/2003	569	Letter to Judge Robinson from J. Bove responding to D.I. # 566 (fmt) (Entered: 10/15/2003)
10/16/2003	570	Supplement to Second Amended Witness list by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 10/17/2003)
10/20/2003	571	SEALED Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [567-1] motion to Strike 1st Suppl. Report of Carol A. Lundington and attached document - Reply Brief due 10/27/03 (fmt) (Entered: 10/21/2003)
10/23/2003	572	Letter to Judge Robinson from J. Heisman req. that cnsl. be permitted to inspect the trial exhibits from the first trial on Friday, 10/24/03 (rld) (Entered: 10/23/2003)
10/23/2003	573	Letter to Judge Robinson from J. Moyer enclosing diskette containing defts.' revised proposed jury instructions and jury form. (rld) (Entered: 10/23/2003)
10/23/2003	574	Revised Proposed Verdict Sheet filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (rld) (Entered: 10/23/2003)
10/23/2003	575	Revised Proposed Jury instructions by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (rld) (Entered: 10/23/2003)
10/23/2003	576	List of Witnesses, Attorneys & Law Firms by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 10/24/2003)
10/24/2003	577	Letter to Judge Robinson from S. Fineman requesting that Shell Oil's attys be permitted to inspect the trial exhibits from the first trial (fmt) (Entered: 10/24/2003)
10/24/2003	578	List of Witnesses, Attorneys & Law Firms by Union Carbide Chem, Union Carbide Corp (fmt) (Entered: 10/24/2003)

10/24/2003	579	Reply Brief Filed by Union Carbide Chem, Union Carbide Corp [567-1] motion to Strike 1st Suppl. Report of Carol A. Lundington and attached document (rld) (Entered: 10/24/2003)
10/27/2003	580	Preliminary Jury instructions (rld) (Entered: 10/27/2003)
10/27/2003	581	Voir dire questions to Jury Panel (rld) (Entered: 10/27/2003)
10/27/2003	582	Corrected Revised Proposed Jury instructions by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (rld) (Entered: 10/27/2003)
10/27/2003	583	Revised Exhibit list by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (rld) (Entered: 10/27/2003)
10/27/2003	584	MEMORANDUM by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company in support of its revised proposed jury verdict form (rld) (Entered: 10/27/2003)
10/27/2003	585	MEMORANDUM by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re admissability of DTX 14 as relevant to infringement (rld) (Entered: 10/27/2003)
10/27/2003	586	SEALED MEMORANDUM by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re the exclusion of certain trial exhibits relating to damages (rld) (Entered: 10/27/2003)
10/27/2003		Jury trial held DAY 1; Judge Robinson presiding; Hawkins Court Reporting; Jury Selection and Impanelment (fmt) (Entered: 10/27/2003)
10/28/2003	587	MOTION by Union Carbide Chem, Union Carbide Corp for a curative instruction to correct for Shell's improper arguments to the jury on the requirements of the asserted claim Answer Brief due 11/12/03 re: [587-1] motion (rld) (Entered: 10/28/2003)
10/28/2003	588	MOTION by Union Carbide Chem, Union Carbide Corp to exclude the prosecution history Answer Brief due 11/12/03 re: [588-1] motion (rld) (Entered: 10/28/2003)
10/28/2003	589	Trial Brief by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company re no notice of doctrine of equivalents testimony. (rld) (Entered: 10/28/2003)
10/28/2003		Jury trial held; DAY 2; Judge Robinson presiding; Court Rptr. V. Gunning; D.I. # 588 is DENIED without prejudice to renew

		(fmt) (Entered: 10/28/2003)
10/28/2003		So Ordered (in Court) denying without prejudice to renew [588-1] motion to exclude the prosecution history ( signed by Judge Sue L. Robinson ) (fmt) (Entered: 10/28/2003)
10/29/2003	590	Combined MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company to provide jury with claim construction Answer Brief due 11/12/03 re: [590-1] motion; AND Shell's opposition to Union Carbide's motion for a curative instruction (rld) (Entered: 10/29/2003)
10/29/2003		COMBINDED Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [587-1] motion for a curative instruction to correct for Shell's improper arguments to the jury on the requirements of the asserted claim - Reply Brief due 11/5/03; and Motion to provide jury with claim construction; documents were filed as one brief SEE D.I. 590 (rld) (Entered: 10/29/2003)
10/29/2003	591	Bench MEMORANDUM by Union Carbide Chem, Union Carbide Corp re the value of MEG Profits (rld) (Entered: 10/29/2003)
10/29/2003		Jury trial held; DAY 3; Judge Robinson presiding; Court Rptr. K. Maurer/B. Gaffigan present (fmt) (Entered: 10/29/2003)
10/30/2003		Jury trial held; DAY 4; Judge Robinson presiding; Court Rptr. V. Gunning present (fmt) (Entered: 10/30/2003)
10/30/2003	592	Supplemental Proposed Jury instructions by Union Carbide Chem, Union Carbide Corp (rld) (Entered: 10/31/2003)
10/30/2003	593	MOTION by Union Carbide Chem, Union Carbide Corp to Strike reference to the "Dow Award" under Fed.R.Civ.P. 37 (C)(1) and request for a curative instruction and sactions Answer Brief due 11/13/03 re: [593-1] motion (rld) (Entered: 10/31/2003)
10/30/2003	598	Steno Notes for 10/29/03; Judge Robinson presiding; jury trial daily notes; crt. rptr. B. Gaffigan (rld) (Entered: 10/31/2003)
10/31/2003	594	Answer Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [593-1] motion to Strike reference to the "Dow Award" under Fed.R.Civ.P. 37(C)(1) and request for a curative instruction and sactions - Reply Brief due 11/7/03 (rld) (Entered: 10/31/2003)



		has shown the CRI has contributorily infringed claim 4 of the '243 patent by providing S 863, S 880, and S 882 in a process for the production of ethylene oxide; Union Carbide has shown that Shell willfully infringed claim 4 of the '243 patent; Amount of Damages Union Carbide has proved is \$112,198,893; see verdict for further details (fmt) (Entered: 11/03/2003)
11/03/2003	603	Steno Notes for 10/31/03; Jury Trial; Judge Robinson presiding; daily notes; crt. rptr. B. Gaffigan (rld) (Entered: 11/04/2003)
	<b>VOID</b>	
11/03/2003	604	REVISED Exhibit list by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (rld) (Entered: 11/04/2003)
11/03/2003	605	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company, Union Carbide Corp with Proposed Order for Judgment as a Matter of Law on Union Carbide's claims of direct infringement Answer Brief due 11/17/03 re: [605-1] motion (rld) (Entered: 11/04/2003)
11/03/2003	606	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company, Union Carbide Corp [605-1] motion for Judgment as a Matter of Law on Union Carbide's claims of direct infringement (rld) (Entered: 11/04/2003)
11/03/2003	607	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company, Union Carbide Corp with Proposed Order for Judgment as a Matter of Law on UCCPTC's Claims for Damages Answer Brief due 11/17/03 re: [607-1] motion (rld) (Entered: 11/04/2003)
11/03/2003	608	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company, Union Carbide Corp [607-1] motion for Judgment as a Matter of Law on UCCPTC's Claims for Damages (rld) (Entered: 11/04/2003)
11/03/2003	609	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company, Union Carbide Corp with Proposed Order for Judgment as a Matter of Law on Union Carbide's claims of contributory infringement Answer Brief due 11/17/03 re: [609-1] motion (rld) (Entered: 11/04/2003)
11/03/2003	610	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company, Union Carbide Corp [609-1] motion for Judgment as a Matter of Law on Union Carbide's

		(Entered: 11/05/2003)
11/06/2003	631	Letter to Clerk from J. Moyer enclosing the original for D.I. 607 to replace copy filed on 11/3/03 (rld) (Entered: 11/07/2003)
11/13/2003	632	Steno Notes for trial; Judge Robinson presiding; Court Rptr. K. Maurer (fmt) (Entered: 11/14/2003)
11/14/2003	633	STIPULATION to extend time to file answers and replies to JMOLS; with proposed order (fmt) (Entered: 11/17/2003)
11/18/2003		<p>So Ordered granting [633-1] stipulation reset Answer Brief Deadline to 11/24/03 re: [621-1] motion for Judgment as a Matter of Law of contributory infringement, 11/24/03 re: [620-1] motion for Judgment as a Matter of Law on Shell's defense of obviousness, 11/24/03 re: [617-1] motion for Judgment as a Matter of Law on its invalidity defenses of anticipation and obviousness, 11/24/03 re: [615-1] motion for Judgment as a Matter of Law on Union Carbide's Claim of Willful Infringement, 11/24/03 re: [613-1] motion for Judgment as a Matter of Law on Shell's invalidity defense of non-enablement, 11/24/03 re: [611-1] motion for Judgment as a Matter of Law on Shell's invalidity defense of indefiniteness, 11/24/03 re: [609-1] motion for Judgment as a Matter of Law on Union Carbide's claims of contributory infringement, 11/24/03 re: [607-1] motion for Judgment as a Matter of Law on UCCPTC's Claims for Damages, 11/24/03 re: [605-1] motion for Judgment as a Matter of Law on Union Carbide's claims of direct infringement , and reset Reply Brief Deadline to 12/8/03 re: [621-1] motion for Judgment as a Matter of Law of contributory infringement, 12/8/03 re: [620-1] motion for Judgment as a Matter of Law on Shell's defense of obviousness, 12/8/03 re: [617-1] motion for Judgment as a Matter of Law on its invalidity defenses of anticipation and obviousness, 12/8/03 re: [615-1] motion for Judgment as a Matter of Law on Union Carbide's Claim of Willful Infringement, 12/8/03 re: [613-1] motion for Judgment as a Matter of Law on Shell's invalidity defense of non-enablement, 12/8/03 re: [611-1] motion for Judgment as a Matter of Law on Shell's invalidity defense of indefiniteness, 12/8/03 re: [609-1] motion for Judgment as a Matter of Law on Union Carbide's claims of contributory infringement, 12/8/03 re: [607-1] motion for Judgment as a Matter of Law on UCCPTC's Claims for Damages, 12/8/03 re: [605-1] motion for Judgment as a</p>

		Obviousness Answer Brief due 1/5/04 re: [651-1] motion, Answer Brief due 1/5/04 re: [651-2] motion (fmt) (Entered: 12/28/2003)
12/22/2003	652	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [651-1] motion for Judgment as a Matter of Law, [651-2] motion for New Trial on its Invalidity Defenses of Anticipation and Obviousness (fmt) (Entered: 12/28/2003)
12/22/2003	653	Post-Trial MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Judgment as a Matter of Law , and alternative motion for New Trial on Shell's Invalidity Defense of Indefiniteness Answer Brief due 1/5/04 re: [653-1] motion, Answer Brief due 1/5/04 re: [653-2] motion (fmt) (Entered: 12/28/2003)
12/22/2003	654	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [653-1] motion for Judgment as a Matter of Law, [653-2] motion for New Trial on Shell's Invalidity Defense of Indefiniteness (fmt) (Entered: 12/28/2003)
12/22/2003	655	Renewed MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Judgment as a Matter of Law on UCCPTC's Claims for Damages , and alternative motion for New Trial or Remittitur on the Jury's Damages Verdict Answer Brief due 1/5/04 re: [655-1] motion, Answer Brief due 1/5/04 re: [655-2] motion (fmt) (Entered: 12/28/2003)
12/22/2003	656	SEALED Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [655-1] motion for Judgment as a Matter of Law on UCCPTC's Claims for Damages, [655-2] motion for New Trial or Remittitur on the Jury's Damages Verdict (fmt) (Entered: 12/28/2003)
12/22/2003	657	Renewed MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order for Judgment as a Matter of Law , and alternative motion for New Trial on Shell's Invalidity Defense of Non-enablement Answer Brief due 1/5/04 re: [657-1] motion, Answer Brief due 1/5/04 re: [657-2] motion (fmt) (Entered: 12/28/2003)
12/22/2003	658	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [657-1] motion for Judgment as a

03/18/2004	698	Statement Regarding Laches and Equitable Estoppel by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 03/19/2004)
03/23/2004	699	SEALED Statement by Union Carbide Chem re Laches and Estoppel (fmt) (Entered: 03/23/2004)
03/25/2004		Bench trial held; Judge Robinson presiding; Hawkins Court Reporting Service present (fmt) (Entered: 03/26/2004)
03/26/2004		Oral Argument held; Judge Robinson presiding; Hawkins Court Rptr. Present; re post-trial motions (fmt) (Entered: 03/26/2004)
03/29/2004	700	TRANSCRIPT filed [0-0] bench trial for dates of 3/25/04; Judge Robinson presiding; Hawkins Reporting Service; VOLUME G (fmt) (Entered: 03/30/2004)
03/29/2004	701	TRANSCRIPT filed [0-0] oral argument for dates of 3/26/04; Judge Robinson presiding; Hawkins Reporting Service (fmt) (Entered: 03/30/2004)
03/31/2004		(Court only) **Terminated deadlines (rld) (Entered: 03/31/2004)
04/01/2004	702	Revised Re-Trial Exhibit list by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 04/02/2004)
04/06/2004	703	Trial Exhibit list by Union Carbide Chem, Union Carbide Corp (fmt) (Entered: 04/07/2004)
04/23/2004	704	Renewed MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order to Exclude Certain Testimony of Dr. Parvez H. Wadia Answer Brief due 5/7/04 re: [704-1] motion (fmt) (Entered: 04/26/2004)
04/23/2004	705	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [704-1] motion to Exclude Certain Testimony of Dr. Parvez H. Wadia (fmt) (Entered: 04/26/2004)
04/23/2004	706	Brief by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company in support of its defenses of Laches and Equitable Estoppel (fmt) (Entered: 04/26/2004)
04/23/2004	707	Proposed Findings of Fact and Conclusions of Law on Shell's Defenses of Laches and Equitable Estoppel filed by Shell Oil

		Company, Shell Chemical Co., CRI Catalyst Company (fmt) (Entered: 04/26/2004)
04/23/2004	708	Post-Trial Brief by Union Carbide Chem, Union Carbide Corp on Shell's Laches and Equitable Estoppel Defense (fmt) (Entered: 04/26/2004)
04/23/2004	709	SEALED Proposed Findings of Fact and Conclusions of Law on Shell's Laches and Estoppel Defenses filed by Union Carbide Chem, Union Carbide Corp (fmt) (Entered: 04/26/2004)
05/07/2004	710	SEALED Answering Brief by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company in support of its Defenses of Laches and Equitable Estoppel (fmt) (Entered: 05/10/2004)
05/07/2004	711	Answer Brief Filed by Union Carbide Chem, Union Carbide Corp [704-1] motion to Exclude Certain Testimony of Dr. Parvez H. Wadia - Reply Brief due 5/14/04 (fmt) (Entered: 05/10/2004)
05/07/2004	712	Reply by Union Carbide Chem, Union Carbide Corp to Shell's Post-Trial Brief on Laches and Equitable Estoppel Defenses (fmt) (Entered: 05/10/2004)
05/07/2004	713	MOTION by Union Carbide Chem, Union Carbide Corp with Proposed Order to Admit PTX 204 Into Evidence Answer Brief due 5/21/04 re: [713-1] motion (fmt) (Entered: 05/10/2004)
05/14/2004	714	Response Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [713-1] motion to Admit PTX 204 Into Evidence - Reply Brief due 5/21/04 (fmt) (Entered: 05/17/2004)
05/14/2004	715	Reply Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [704-1] motion to Exclude Certain Testimony of Dr. Parvez H. Wadia (fmt) (Entered: 05/17/2004)
05/18/2004		So Ordered granting [713-1] motion to Admit PTX 204 Into Evidence ( signed by Judge Sue L. Robinson ) Notice to all parties. (rld) (Entered: 05/18/2004)
05/26/2004	716	MOTION by Union Carbide Chem, Union Carbide Corp To Exclude New Evidence and Argument Proffered by Shell , or

06/28/2004	725	NOTICE of Change of Firm Name and Address by Union Carbide Chem, Union Carbide Corp; Jenner & Block LLP, Chicago, IL (fmt) (Entered: 06/29/2004)
06/28/2004	726	Renewed MOTION by Union Carbide Chem, Union Carbide Corp for Judgment as a Matter of Law on Willful Infringement Answer Brief due 7/12/04 re: [726-1] motion (fmt) (Entered: 06/29/2004)
06/28/2004		Case reopened (fmt) (Entered: 06/29/2004)
06/29/2004	727	UNOPPOSED MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order to Stay Enforcement of Collection of the Money Judgment Pending Disposition of Shell's Appeal to the Federal Circuit (fmt) (Entered: 06/30/2004)
06/29/2004	728	SEALED Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [727-1] unopposed motion to Stay Enforcement of Collection of the Money Judgment Pending Disposition of Shell's Appeal to the Federal Circuit (fmt) (Entered: 06/30/2004)
06/29/2004	729	MOTION by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company with Proposed Order renewing its motions for Judgment as a Matter of Law Answer Brief due 7/13/04 re: [729-1] motion (fmt) (Entered: 06/30/2004)
06/29/2004	730	Opening Brief Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company [729-1] motion renewing its motions for Judgment as a Matter of Law (fmt) (Entered: 06/30/2004)
07/01/2004	731	ORDER denying [729-1] motion renewing its motions for Judgment as a Matter of Law, granting [727-1] motion to Stay Enforcement of Collection of the Money Judgment Pending Disposition of Shell's Appeal to the Federal Circuit, denying [726-1] motion for Judgment as a Matter of Law on Willful Infringement ( signed by Judge Sue L. Robinson ) copies to: cnsl. (rld) (Entered: 07/01/2004)
07/06/2004	732	Opposition Filed by Shell Oil Company, Shell Chemical Co., CRI Catalyst Company to Union Carbide's Renewed Motion for Judgment as a Matter of Law under Rule 50 (b) on Willful Infringement (fmt) (Entered: 07/07/2004)
07/14/2004		EXIT Report (copy of D.I. 2) to the Commissioner of Patents